2013 - 2014

PGY2 Pharmacy Residency

Neurology Hepatology/Gastroenterology Cardiology



DEPARTMENT OF VETERANS AFFAIRS

GREATER LOS ANGELES HEALTHCARE SYSTEM

WEST LOS ANGELES HEALTHCARE CENTER
11301 Wilshire Boulevard
Los Angeles, CA 90073



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GREATER LOS ANGELES HEALTHCARE SYSTEM PGY2 PHARMACY RESIDENCY IN CARDIOLOGY WESTERN UNIVERSITY OF HEALTH SCIENCES

Introduction



The VA Greater Los Angeles Healthcare System (VAGLAHS) is the largest and among the most complex medical centers in the nation. It provides a full spectrum of acute and long term inpatient and ambulatory care to approximately 1.4 million veterans residing in the primary service area of Los Angeles, Ventura, and Kern Counties, covering 20,000 square miles. The VAGLAHS consists of one tertiary care facility, two ambulatory care centers, and nine community based outpatient clinics. VAGLAHS is affiliated with both UCLA School of Medicine and USC School of Medicine, as well as more than 45 colleges, universities, and vocational schools in 17 different health care related programs.

The West Los Angeles Healthcare Center is a tertiary care teaching facility dedicated to providing a wide array of acute and ambulatory patient care services to our nation's veterans. The comprehensive diagnostic and treatment services provided include a broad range of medical, surgical, and psychiatric care. Internal medicine subspecialties include cardiology, infectious diseases, gastroenterology, allergy, pulmonology, nephrology,

endocrinology, rheumatology, and hematology/oncology. Major surgical subspecialties include orthopedics, urology, neurosurgery, ophthalmology, plastics, ENT, podiatry, and cardiothoracic surgery. In addition to the main acute care hospital, there is a 180-bed Nursing Home, a Hospice Unit, Home-Based Primary Care, and a newly built 300+ bed State

The Sepulveda Ambulatory Care Center & Nursing Home offers a state-of-the-art ambulatory care facility. The center has specialty outpatient programs in spinal cord injury, stroke rehabilitation, women's health, preventative medicine, dentistry, mental



health, and chemical dependency. Extended care activities include a 120-bed Academic Nursing Home and a Home-Based Primary Care Program. The facility hosts extensive clinical and basic science research, including Geriatric Research Education and Clinical Center (GRECC) and Field Program for Health Science Research and Development (HSR&D). The HSR&D program evaluates provider practice and patient outcome studies in the delivery of ambulatory health care.

The Los Angeles Ambulatory Care Center is located in the heart of Downtown Los Angeles. It serves as a centrally located facility for the diverse veteran population of the city of Los Angeles, focusing on primary care and mental health services.



The clinic provides special services in post-traumatic stress disorder, day treatment, and mental health services.

General Information

The VAGLAHS offers PGY2 specialty residency programs in the area of Neurology, Hepatology/Gastroenterology and Cardiology.

The **PGY2 Pharmacy Residency in Neurology** is one of the only neurology residencies offered in the nation. It is a twelvemonth long program that provides a very diverse experience in both the acute care and ambulatory care settings. Training is primarily conducted at the West Los Angeles Healthcare Center.

The residency provides a solid foundation in the areas of stroke and epilepsy, but also offers clinical experiences in movement disorders, dementia/neurobehavior, and general neurologic disorders such as headache and neuropathy. Interested residents also have the option of integrating neurosurgery experiences into the training year. Residents are offered the ability to tailor the program to meet their interests in the field of neurology.

Residents will be involved in teaching, with possible appointment as Adjunct Assistant Professor at the USC School of Pharmacy. Residents will also be involved in research.

The PGY2 Pharmacy Residency in Hepatology/ Gastroenterology is one of the only residencies in the nation that focuses on providing specialized training in gastrointestinal related diseases. It is twelve-month long program that provides experiences in both the acute care and ambulatory care settings. Training is primarily conducted at the West Los Angeles Healthcare Center but offers an inpatient transplant experience at the UCLA Medical Center.

The residency provides a solid foundation in the areas of hepatology, particularly hepatitis C, but also offers diverse clinical experiences in the management of various gastrointestinal, pancreatic, and hepatobiliary disorders. The resident will also have opportunities to be involved in innovative technologies such as telemedicine, providing clinical care and education to patients via video conferencing.

Residents will be involved in teaching, with possible appointment as Adjunct Assistant Professor at the USC School of Pharmacy. Residents will also be involved in research.



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General Information (cont.)

The PGY2 Pharmacy Residency in Cardiology is a twelvemonth long joint program funded by Western University of Health Sciences. Residents will obtain clinical experiences at the VAGLAHS in both the acute care and ambulatory care settings. Training is conducted at the West Los Angeles Healthcare Center and Western University.

Residents will be involved in academia, obtaining faculty status at the WU College of Pharmacy. Residents will also be involved in research.

Candidates interested in the Cardiology residency would apply through Western University.



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PGY2 Pharmacy Residency in Neurology

Program Description

This specialty residency provides a comprehensive experience in contemporary neurology pharmacy practice. The resident will practice clinical pharmacy in neurology and neurosurgical patients in an acute setting and in the ambulatory Neurology clinics. Experiences in Epilepsy, Stroke, Movement Disorders, General Neurology and Neurobehavior Disorders are included. Neurology preceptors include skilled physician providers, neurology pharmacists, and research faculty members with extensive experience in this specialty, as well as in research and academia. Teaching opportunities include didactic and

small group facilitations, as well as precepting pharmacy students and PGY1 pharmacy practice residents. Clinical and laboratory based research opportunities are available.

Research project is required for successful completion of this program. The resident will be given the opportunity to develop a neurology-related research question based on their experience.

Practice Experience

West Los Angeles Healthcare Center (WLA):

Primary Preceptor: Sunita Dergalust Pharm.D., BCPS, Viet-Huong Nguyen, Pharm.D., M.S., BCPS

Inpatient Experiences

- Acute Care Neurology: The resident will be responsible for reviewing and monitoring drug therapy and antimicrobial and anti-epileptic drug pharmacokinetic dosing consults to physicians and allied healthcare professionals. Residents will serve as the drug therapy specialist, as well as a pharmacy educator on the team. They will actively participate in interdisciplinary team meetings and medical rounds. The medical team consists of Board Certified Neurologist attendings, UCLA Neurology fellows, UCLA Neurology residents, UCLA Psychiatry interns, and a clinical pharmacist.
- Epilepsy Monitoring Unit. This is a specialized unit that was developed as part of the Epilepsy Center of Excellence use to properly identify seizure localization and subsequently surgical candidates. The resident will work closely with the Neurology fellow and will be responsible for obtaining a detailed admission history and medication history for long term video EEG monitoring. Residents will actively participate in assessing/planning safe drug titration on and off AEDs.



Ambulatory Care Experiences

- Stroke Clinic: In this clinic, residents will have the opportunity to assess/initiate/adjust medication regimens under the guidance and supervision of a PGY2 Neurology pharmacy resident/pharmacist/attending physician. Resident responsibilities in the clinic also include: interviewing patients prior to seeing their provider, reviewing medication profiles for drug interactions, appropriate dosing, therapy duplication, possible medication-induced side effects, and assessing compliance and barriers to compliance.
- Seizure Clinic: In this one half-day clinic, residents will have opportunities to assess/initiate/adjust AEDs under the guidance and supervision of a PGY2 Neurology pharmacy resident/pharmacist/attending physician. In addition to having the same general responsibilities as those identified for the Stroke Clinic, residents, will assure a comprehensive AED history is obtained, as well as appropriately monitor seizure response.
- Dementia/Neurobehavior Clinic: In this one half-day clinic, residents will have the opportunity to conduct an in-depth review of medication profiles, evaluating all medications and their potential to contribute to memory disorders. Residents will also be involved in telephone titration of dementia medications.
- Movement Disorder Clinic: In this one half-day clinic, residents will have the opportunity to provide detailed counseling on medications to patients diagnosed with various movement disorders such as Parkinson's, ataxia, and tremor.
- General Neurology Clinic: In this two half-day clinic, residents will have the opportunity to provide detailed counseling on medications to patients diagnosed with general neurologic disorders, particularly headache and neuropathy.



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PGY2 Pharmacy Residency in Neurology

General Program Information

| General Program in | Tormation |
|---------------------------------------|--|
| General Program Description | Type/Duration of Program: Full-time residency/12 months Number of Positions: 1 Deadline for Application and Components: January 11, 2013 Residency Start Date: July 1, 2013 Estimated Stipend: \$49,592 Fringe Benefits: Health and life insurance, 10 paid holidays, 12 days sick leave, 12 days vacation/annual leave, professional leave available to attend meetings and educational conferences |
| Requirements for Consideration | Doctor of Pharmacy degree from an ACPE accredited college of pharmacy Valid license from any of the 50 states (California licensure required if USC affiliated) Enrolled in or successful completion of a PGY1 Pharmacy Practice Residency US citizenship for Federal employment |
| USC School of Pharmacy Affiliation | Optional joint appointment to the residency program Includes faculty appointment and teaching certificate Responsibilities include teaching/facilitating discussions for Level II and Level III pharmacy students, lecturing Opportunity to participate in coursework and seminars developed by the university for pharmacy residents Active California licensure by September 30 of the residency year is required Separate interview with USC and subsequent acceptance by the university is required Interested candidates should mark "YES" on the Residency Program Application |
| Required Application Materials | VAGLA PGY2 Application OF 306 (Declaration for Federal Employment) Letter of Intent Curriculum Vitae (CV) Three Letters of Recommendation, preferably from PGY1 Residency Program Director One employer One residency preceptor Please utilize forms provided with application packet Official Pharmacy School Transcript Interview offered to eligible candidates upon initial review of application materials and required for final consideration |

Please mail completed application packets to:

Janette D Lie, PharmD, BCACP
Manager, Pharmacy Education and Training
Residency Program Director, PGY1 Pharmacy Practice
VA Greater Los Angeles Healthcare System
Pharmacy Service
11301 Wilshire Boulevard (691/119)
Building 500, Room 6042
Los Angeles, CA 90073
janette.kim@va.gov
310-478-3711, ext 41975





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PGY2 Pharmacy Residency in Hepatology/ Gastroenterology Program Description

This specialty residency is designed to provide experience in three distinct areas as they relate to gastroenterology and hepatology: clinical practice, didactic/clinical teaching, and clinical research. The resident will participate in the treatment of patients with gastrointestinal and liver diseases through collaboration with the clinical pharmacy specialist in this section. The resident would be an active member of the multidisciplinary team that includes, but is not limited to, gastroenterologists, hepatologists, and infectious disease physicians. The resident would practice clinical pharmacy primarily in the ambulatory care setting, but would have opportunities to participate in acute care activities such as the GI consult team and transplant service. Experiences in Viral Hepatitis, Gastroenterology, Advanced Liver Disease, and a pharmacist-run Hepatitis C clinics are included. Residents would also have the opportunity to provide patient care through

innovative patient care modalities, such as telemedicine (i.e. videoconferencing). Teaching opportunities include didactic and small group facilitations, well as precepting pharmacy students and PGY1 pharmacy practice residents.



Opportunities in clinical research and publication are available.

Research project is required for successful completion of this program. The resident will be given the opportunity to develop a hepatology/gastroenterology-related research question based on their experience.

Practice Experience

West Los Angeles Healthcare Center (WLA):

Primary Preceptor: Jason P. Smith, Pharm.D.

Inpatient Experiences

- Gastroenterology Consult Service (VAGLAHS): The
 resident will be an active member of the
 Gastroenterology Consult Team and will be responsible
 for providing pharmacy related recommendations for
 acute patients consulted to the service. Residents will
 serve as the drug therapy specialist, as well as a
 pharmacy educator on the team, and will actively
 participate in interdisciplinary team meetings and medical
 rounds. This experience is offered as a 6-week rotation.
- Liver Transplant Service (UCLA): The resident will be an active member of the Transplant Surgery Team at the UCLA Medical Center and will be responsible for providing pharmacy related recommendations for liver transplant patients. Residents will serve as the drug therapy specialist, as well as a pharmacy educator on the team, and will actively participate in interdisciplinary team meetings and medical rounds. This experience is offered as a 6-week rotation.

Ambulatory Care Experiences

Viral Hepatitis C Clinics: These clinics include an attending supervised viral hepatitis clinic, a pharmacist supervised viral hepatitis clinic, patient education courses for healthy liver, and telemedicine clinic for viral hepatitis. Participation is longitudinal and constitutes the majority of the residency experience. In these clinics, residents will have the opportunity to assess/initiate/adjust medication regimens under the guidance and supervision of clinical

pharmacists/attending physicians. In the outpatient clinics, the resident will be responsible for the management of all patients receiving antiviral therapy and will conduct scheduled reviews of drug utilization for quality assurance. The resident will manage a database of patients locally as well as maintain a national registry of patients. In the two separate telemedicine clinics, the resident will be expected to provide clinical care for patients undergoing antiviral therapy for chronic hepatitis C, as well as provide education to those who are newly diagnosed with hepatitis C. These clinics provide care to patients up to 250 miles away from our central facility in West Los Angeles and enable the provision of care o more than 2,000 underserved veterans.

- Outpatient General GI Clinic: In this one half-day clinic, residents will be expected to act as the drug therapy expert and to provide medication review, counseling and processing for patients and providers. Residents will also be involved in recommending care and management options for patients with such disorders.
- Advanced Liver Disease Clinic: In this one half-day clinic, residents will have the opportunity to provide detailed counseling on medications to patients diagnosed with advanced liver disease. Residents will also be involved in recommending care and management options for patients with such disorders.



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PGY2 Pharmacy Residency in Hepatology/ Gastroenterology

General Program Information

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| USC School of Pharmacy Affiliation | Optional joint appointment to the residency program Includes faculty appointment and teaching certificate Responsibilities include teaching/facilitating discussions for Level II and Level III pharmacy students, lecturing Opportunity to participate in coursework and seminars developed by the university for pharmacy residents Active California licensure by September 30 of the residency year is required Separate interview with USC and subsequent acceptance by the university is required Interested candidates should mark "YES" on the Residency Program Application |
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Manager, Pharmacy Education and Training
Residency Program Director, PGY1 Pharmacy Practice
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PGY2 Pharmacy Residency in Cardiology

Program Description

Western University of Health Sciences is an institution with a focus in graduate-level education of health science professionals. Founded in 1977, the university is a small, private, health-focused institution that fosters interprofessional



learning. The university is committed to preparing graduates, in a learner-centered academic and professional environment, who will serve the health care needs of society for today and for the future.

The PGY2 Pharmacy Residency Program in Cardiology is a joint program between Western University of Health Sciences and the VA Greater Los Angeles Healthcare System (VAGLAHS). It is a 12-month PGY2 non-degree residency

program in cardiovascular pharmacy. Since this is a twocampus program involving Western University and VA West Los Angeles Healthcare Center, residents are required to rotate at both sites, depending on required activities.

The program offers a well-balanced clinical experience between ambulatory care and acute care cardiology. Experiential and didactic teaching, as well as research activities, completes the program. The program is divided into monthly rotations and provides residents with clinical insights and practical experiences in cardiology practice, teaching, and research

Practice Experience

Inpatient Experiences

resident will be responsible for reviewing and monitoring drug therapy for the purposes of identifying, preventing and resolving drugrelated problems with the patient and the



healthcare team. Residents will serve as the drug therapy specialist as well as a pharmacy educator on the team, actively participating in interdisciplinary team meetings and medical rounds. The medical team includes Board Certified Attending Cardiologists, Cardiology fellows, medical residents, and a pharmacist.

Consults and Procedures: The resident will have the
opportunity to participate in the cardiology consult
service, gaining an appreciation for treating patients with
heart disease who are not admitted directly to the
inpatient cardiology service. In addition, the resident will
have the opportunity to observe various cardiac
procedures, including, cardiac angiograms, percutaneous

Program Requirements

Teaching Responsibilities:

Residents will be required to participate in didactic teaching and assessment within the Western University PharmD curriculum, precept Western U pharmacy students during their rotations, and conduct multidisciplinary presentations to the cardiology healthcare team.

coronary interventions, echocardiograms, electrophysiological procedures, and stress tests.

Ambulatory Care Experiences

- Cardiomyopathy Clinic and Risk Reduction Clinic: In
 these two multidisciplinary clinics, the resident will have
 opportunities to conduct medication interviews, assess
 cardiovascular therapy regimens, educate patients and
 providers, and act as the drug therapy specialist under
 attending pharmacist/physician supervision. Resident
 responsibilities in the clinics include reviewing
 medication profiles for drug interactions, appropriate
 dosing, therapy duplication, possible medication-induced
 side effects, and assessing adherenceand barriers to
 adherence.
- Anticoagulation Clinic: In this pharmacist-managed clinic, the resident will be responsible for assessing/adjusting medication regimens, ordering and following up on laboratory tests results under clinical pharmacist supervision. Resident responsibilities in the clinic also include: reviewing medication profiles for drug interactions, appropriate dosing, therapy duplication, possible medication-induced side effects, and assessing adherence and barriers to adherence.

Research Project:

Residents are required to complete a cardiovascular-oriented research project suitable for presentation and publication. Residents are also required to participate in other ongoing research with the program director.



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PGY2 PHARMACY RESIDENCY IN CARDIOLOGY

WESTERN UNIVERSITY OF HEALTH SCIENCES

Application

Applications are NOT being accepted for participation in the 2013-2014 academic year. For additional information, please contact:

Cynthia Jackevicius, BScPhm, MSc, PharmD, FCSHP, BCPS (AQ Cardiology)
Associate Professor, Pharmacy Practice and Administration
Residency Program Director, PGY2 Pharmacy Residency in Cardiology
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Contact Us Pharmacy Residency Programs VA Greater Los Angeles Healthcare System:

Janette D Lie, PharmD

Manager, Pharmacy Education and Training Residency Program Director, PGY1 Pharmacy Practice Residency (310) 478-3711, x41975 janette.kim@va.gov

PGY2 Pharmacy Residency in Neurology

West Los Angeles Healthcare Center:

Sunita Dergalust, PharmD, BCPS

Program Director PGY2 Pharmacy Residency in Neurology Clinical Pharmacist, Neurology (310) 268-3244 sunita.dergalust@va.gov

Viet-Huong Nguyen, PharmD, MS, BCPS

Clinical Pharmacist, Neurology (310) 478-3711, x48037 viet-huong.nguyen@va.gov

PGY2 Pharmacy Residency in Hepatology/Gastroenterology

West Los Angeles Healthcare Center:

Jason P Smith, PharmD

Program Director PGY2 Pharmacy Residency in Hepatology/Gastroenterology Clinical Pharmacist, Hepatology/Gastroenterology (310) 478-3711, x44664 jason.smith2@va.gov

PGY2 Pharmacy Residency in Cardiology

Western University of Health Sciences:

Cynthia Jackevicius, BScPharm, MSc, PharmD, FCSHP, BCPS (AQ Cardiology)

Program Director PGY2 Pharmacy Residency in Cardiology Associate Professor, Pharmacy Practice and Administration (909) 469-5527 cjackevicius@westernu.edu



Department of Veterans Affairs VA Greater Los Angeles Healthcare System

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West Los Angeles Healthcare Center

11301 Wilshire Boulevard | Los Angeles, CA 90073 | 310-478-3711

Sepulveda Ambulatory Care Center

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Los Angeles Ambulatory Care Center

351 East Temple Street | Los Angeles, CA 90012 | 213-253-2677

http://www.pbm.va.gov/VAPharmacyResidencyProgram.aspx

